Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091819\
Data File : BF117139.D
Acq On : 18 Sep 2019 11:08
Operator : HP/JU
Sample : PB123161BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB123161BS

Manual Integrations APPROVED
Jagrut
9/19/2019 10:42:08 AM

Quant Time: Sep 18 13:34:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 16:23:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	69260	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	295333	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	154745	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	249573	20.00	ng		0.00
76) Chrysene-d12	13.97	240	163555	20.00	ng		0.00
87) Perylene-d12	15.42	264	126585	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	468591	105.63	ng		0.02
7) Phenol-d6	6.47	99	606322	105.76	ng		0.01
23) Nitrobenzene-d5	7.39	82	367200	65.33	ng		0.00
42) 2,4,6-Tribromophenol	10.64	330	137188	106.07	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	656230	66.31	ng		0.00
79) Terphenyl-d14	12.91	244	621229	71.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	74391	40.075	ng		97
3) Pyridine	3.40	79	170191	33.496	ng		97
4) n-Nitrosodimethylamine	3.34	42	66014	37.860	ng	#	99
6) Aniline	6.49	93	229684	31.116	ng	#	90
8) 2-Chlorophenol	6.62	128	204315	42.692	ng		96
9) Benzaldehyde	6.37	77	126001	45.216	ng		99
10) Phenol	6.48	94	259682	41.087	ng		93
11) bis(2-Chloroethyl)ether	6.56	93	194279	41.824	ng		96
12) 1,3-Dichlorobenzene	6.76	146	214424	39.928	ng		99
13) 1,4-Dichlorobenzene	6.84	146	221228	40.367	ng		99
14) 1,2-Dichlorobenzene	6.99	146	206775	40.524	ng		98
15) Benzyl Alcohol	6.97	79	185003	42.080	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.10	45	181162	39.474	ng		94
17) 2-Methylphenol	7.08	107	167526	41.767	ng		95
18) Hexachloroethane	7.33	117	84930	40.283	ng		98
19) n-Nitroso-di-n-propylamine	7.24	70	147389	42.219	ng		99
20) 3+4-Methylphenols	7.23	107	210152	42.064	ng		92
22) Acetophenone	7.23	105	299086	39.860	ng		99
24) Nitrobenzene	7.40	77	228346	41.138	ng		99
25) Isophorone	7.65	82	404669	40.661	ng		100
26) 2-Nitrophenol	7.72	139	107928	45.267	ng		97
27) 2,4-Dimethylphenol	7.76	122	176900	46.787	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	245204	39.990	ng		100
29) 2,4-Dichlorophenol	7.96	162	167650	42.317	ng		98
30) 1,2,4-Trichlorobenzene	8.05	180	165835	38.745	ng		97
31) Naphthalene	8.13	128	581393	40.933	ng		99
32) Benzoic acid	7.89	122	79780	30.700	ng		95
33) 4-Chloroaniline	8.17	127	145744	23.135	ng		99
34) Hexachlorobutadiene	8.24	225	95550	39.348	ng		97
35) Caprolactam	8.55	113	52735m	39.326	ng		
36) 4-Chloro-3-methylphenol	8.66	107	195056	42.225	ng		99
37) 2-Methylnaphthalene	8.82	142	402286	42.060	ng		97
38) 1-Methylnaphthalene	8.92	142	380478	42.473	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	156791	39.238	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	133474	76.002 ng	99
43) 2,4,6-Trichlorophenol	9.09	196	106613	39.315 ng	96
44) 2,4,5-Trichlorophenol	9.14	196	115971	40.028 ng	98
46) 1,1'-Biphenyl	9.27	154	471040	38.806 ng	99
47) 2-Chloronaphthalene	9.30	162	367545	38.367 ng	98
48) 2-Nitroaniline	9.40	65	115962	37.740 ng	96
49) Acenaphthylene	9.72	152	583248	40.642 ng	100
50) Dimethylphthalate	9.57	163	427225	38.992 ng	98
51) 2,6-Dinitrotoluene	9.64	165	93072	41.708 ng	96
52) Acenaphthene	9.89	154	333646	39.220 ng	99
53) 3-Nitroaniline	9.81	138	76244	27.080 ng	96
54) 2,4-Dinitrophenol	9.92	184	71602	74.962 ng	100
55) Dibenzofuran	10.06	168	507198	40.410 ng	96
56) 4-Nitrophenol	9.98	139	125591	68.826 ng	97
57) 2,4-Dinitrotoluene	10.04	165	125419	43.298 ng	98
58) Fluorene	10.40	166	410280	40.579 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	92689	41.806 ng	97
60) Diethylphthalate	10.27	149	424570	39.387 ng	98
61) 4-Chlorophenyl-phenylether	10.39	204	176689	40.391 ng	93
62) 4-Nitroaniline	10.42	138	106479	36.366 ng	95
63) Azobenzene	10.55	77	442142	40.160 ng	98
65) 4,6-Dinitro-2-methylphenol	10.46	198	49695	44.319 ng	95
66) n-Nitrosodiphenylamine	10.51	169	353688	41.035 ng	98
67) 4-Bromophenyl-phenylether	10.88	248	103861	40.750 ng	95
68) Hexachlorobenzene	10.95	284	110665	39.697 ng	95
69) Atrazine	11.03	200	99687	47.057 ng	99
70) Pentachlorophenol	11.15	266	103521	79.221 ng	99
71) Phenanthrene	11.36	178	571863	40.341 ng	100
72) Anthracene	11.41	178	605529	41.841 ng	98
73) Carbazole	11.57	167	556134	40.484 ng	100
74) Di-n-butylphthalate	11.89	149	667338	40.830 ng	99
75) Fluoranthene	12.54	202	577820	39.671 ng	98
77) Benzidine	12.66	184	223300	42.384 ng	98
78) Pyrene	12.77	202	581347	42.361 ng	100
80) Butylbenzylphthalate	13.38	149	269691	41.590 ng	100
81) Benzo(a)anthracene	13.96	228	431570	39.495 ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	106656	30.289 ng	96
83) Chrysene	14.00	228	428654	40.220 ng	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	358459	42.873 ng	98
85) Di-n-octyl phthalate	14.55	149	556864	42.316 ng	99
86) Indeno(1,2,3-cd)pyrene	16.86	276	297566	38.270 ng	99
88) Benzo(b)fluoranthene	15.00	252	322986	42.123 ng	99
89) Benzo(k)fluoranthene	15.03	252	337682	46.491 ng	99
90) Benzo(a)pyrene	15.36	252	304748	45.292 ng	98
91) Dibenzo(a,h)anthracene	16.86	278	253635	47.318 ng	98
92) Benzo(g,h,i)perylene	17.29	276	247997	46.429 ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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